

**Space Launch System (SLS)  
Advanced Booster Engineering Demonstration and/or Risk Reduction (ABEDRR)  
NASA Research Announcement (NRA)  
Questions and Answers (Q&As)  
Posted March 6, 2012**

Note: Some questions have been edited for clarity.

**Question 23:** With regards to the Technical Data Excel spreadsheets that are included in Volume 1, without changing the actual format of the spreadsheets, can the following be done to change the appearance of how the spreadsheets are printed in the hard copy to accommodate page count restrictions? Each of these would be printer configuration actions, and not changes to the files themselves.

1. Can sheets that are currently set up as landscape pages be printed as portrait to fit more of the sheet on a page?
2. Can the printing be scaled, via printer configuration only, to less than 100% to make the sheets fit on an 8 ½ by 11 page? For example, if a sheet rolls over onto the next page and takes up ¼ of a page, can the print scale be changed to make that sheet fit on one page?
3. The current print setting, at 100%, makes a number of the sheets noncompliant with the margin requirements. Can the print scale be adjusted for printing only to allow for required margins and header and footer data? The print scale can be performed with the printer only, without changing any formatting of the actual Technical Data Excel spreadsheets.

**Answer 23:**

Part 1: No.

Part 2: No.

Part 3: No, however, the Technical Data Excel spreadsheets have been slightly reformatted to enhance printability. The new file name is “NRA Appendix B 6 March 12 - ITAR.xlsx” and has been posted to the SLS ABEDRR Knowledge Now Technical Library site.

**Question 24:** Can an Offeror go directly to the NASA Partnership Offices for NASA engine test stands?

**Answer 24:** An Offeror requesting access to NASA engine test stands should contact the appropriate individual as listed in the NRA Section 8.3, NASA Engine Test Stands, Rocket Propulsion Test Program Manager, Roger Simpson, for assistance in determining suitable NASA test facilities. For agreements already in work with a specific NASA Center, the Offeror or the supporting Center should coordinate with the Rocket Propulsion Test Program Manager.

**Question 25:** The referenced document SLS-PLAN-023 SLS Program Affordability Plan lists applicable documents including the SLS-SCHE-069, Space Launch System Program Integrated Master Schedule. Is document SLS-SCHE-069 available and how can an Offeror gain access to it?

**Answer 25:** No, SLS-SCHE-069, Space Launch System Program Integrated Master Schedule, does not contain sufficient detail to be helpful to an Offeror and will not be available prior to proposal submission.

**Question 26:** Attachment 1, Model Contract, Clause H.15 identifies the Small Business allocation as 10.5%. With Space Act Agreements being a part of the contract value, does the 10.5% apply to the total contract value to include the Space Act Agreements or can the Space Act Agreement value be excluded from the calculation?

**Answer 26:** The 10.5% applies to the total contract value, which includes any proposed Space Act Agreements.

**Question 27:** Appendix A, Figure 2, shows that the Advanced Booster aft attach has moved aft 240.1 inches from that shown in the Draft NRA and that no other dimensions changed. A review of Appendix B SLS Core Stage and LRB propellant masses show no change from the Draft NRA. Please clarify that this is correct.

**Answer 27:** Yes, this is correct.

**Question 28:** DRD MA-004 Affordability Plan requires initial submission with initial proposal submission. Please clarify if this submission is in addition to the inclusion of the plan in Section 4.2.5.1.3.

**Answer 28.** The DRD MA-004 Affordability Plan shall be submitted once with the initial proposal as part of Volume 1. A second submission with Volume 4 is not required.

**Question 29:** DRD MA-004 data requirement – Please clarify paragraph 12 which states, “SUBMISSION FREQUENCY: 30 calendar days after completion of contract.”

**Answer 29:** The term “completion of contract” is synonymous to the end date that will be proposed by the Offeror in the Model Contract under F-2, Period of Performance.